



## SERVICE BULLETIN NO. 6

SEC. VIII, DIV. A  
SERVICE BULLETIN No. 6  
ISSUED, MARCH, 1961

### INSTRUCTIONS FOR APPLICATION AND MAINTENANCE OF NEW POLYURETHANE AIR CLEANER

#### KIT DESCRIPTION & USAGE (SEE FIG. 1)

MODEL	92101 Air Cleaner Assembly	
VS100	91806 Base	Item 2
A400	91807 Cover	Item 5
VS400	91792 Element	Item 4
VS2100	92098 Gasket	Item 1
VS4100	92024 Washer	Item 3
AVS4100	91767 Decal	

MODEL	91202 Air Cleaner Assembly	
900	91802 Base	Item 2
V1100	91815 Cover	Item 5
V1200	91791 Element	Item 4
AFV3100	92098 Gasket	Item 1
FV3100	91767 Decal	Item 3

MODEL	92103 Air Cleaner Assembly	
V100	91803 Base	Item 2
V3100	91815 Cover	Item 5
VS3100	91791 Element	Item 4
AVS3100	92098 Gasket	Item 1
AV3100	92024 Washer	Item 3
	91767 Decal	

The above air cleaner assemblies are available in the M92100 Merchandiser. This merchandiser contains 4-92101, 3-92102, and 3-92103.

#### INSTRUCTIONS TO REMOVE OLD AIR CLEANER

1. Remove the screw which holds the metal cover in place.
2. Remove metal mesh element.
3. Remove the two screws which hold the air cleaner body to the carburetor.

NOTE: Retain these 5812 screws for use with new body ass'y. (See item 6 in sketch.)

4. Remove air cleaner body from the carburetor, also the paper gasket.

#### INSTRUCTIONS TO INSTALL NEW AIR CLEANER

To assemble new air cleaner to carburetor (consult exploded views of components in Fig. 1)

1. Using the two screws retained from the old assembly, item 6, fasten the air cleaner body, item 2, to the carburetor; remembering to use the paper gasket, item 1 between them and also the reinforcing washer, item 3, which fits inside the air cleaner body.

NOTE 1: It will be seen that the gasket has one thin edge and one thick edge: the thick edge goes to the bottom.

NOTE 2: The air cleaner base is correctly installed when the two round holes show on the top as seen in Fig. 2.

NOTE 3: The reinforcing washer has a notch in the hole and when installed should be in downward position.

2. Insert the element into the body by using even finger pressure—see Fig. 2.
3. The cover, item 5, can now be put on and it will be seen that on the top are two indents to correspond with the holes in the body. Snap cover in place.
4. The operation is now complete.

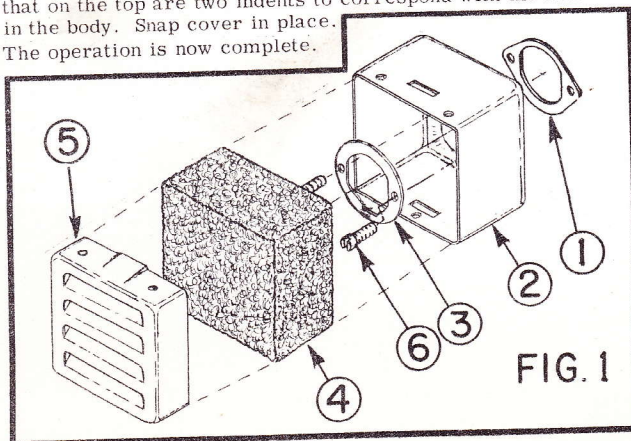


FIG. 1

CAUTION: Some of the first polyurethane filters did not have the washer (reference 3, part no. 92024) installed. The base of this filter can be damaged or bent more readily than when the washer is installed and this washer (part no. 92024) is now a part of the production assembly and is included with the service assemblies. Care is needed on cover removal as distortion of the base will allow air leakage between base, base gasket, and carburetor which can result in rapid engine wear. Check all air cleaners for a tight seal between air cleaner base, base gasket, and carburetor. Use care on installation of element to be certain element is not doubled or wrinkled which will allow air to pass around element sides. All filter assemblies should be checked for tight mounting to carburetor, proper installation of element, and proper cleaning practices on cleaner and proper day to day maintenance of filter by customer. Each year there are many engines worn excessively due to failure to keep filter tight, properly serviced, etc.

#### Service of Polyurethane Element

This filter element is oil wetted at the factory. To clean, wash in kerosene. Kerosene will not remove much of the oil and the element will remain efficient. It is not recommended that the element be oiled as the oil can cause a choked condition due to excess oil, however, the efficiency of filter drops if dry and certain means of cleaning may make it necessary to replace element to secure the highest efficiency. Replacement is inexpensive compared to labor of carefully cleaning, reoiling and trying to wring out sufficient oil to keep from choking the engine. Use care when cleaning and instruct customer to use care that all dirt is removed from the center section of element when cleaned in kerosene. The air intake can be restricted by dirt building up if not properly cleaned. Again replacement may be less expensive than the time necessary to properly clean element if customers has previously serviced element a number of times. Please consider, this is an oil wetted filter, proper cleaning methods (such as kerosene) will not reduce efficiency very rapidly; however, certain cleaning methods may remove oil resulting in a definite drop in efficiency. Replacement may be less expensive, after a period of usage and a number of cleanings, than proper servicing of old filter element.

The present customer Owners Guide and Instruction Manual also lists that detergent and water can be used for cleaning. Water should be squeezed out and filter allowed to air dry prior to reuse.

In summary, please caution customers on need for tight mounting of filter base, proper installation of element, and proper service of element so that the user receives the potential life from his engine. This comment would apply to all filters used to date as each requires certain maintenance, cleaning, and service practices to be used so that the engine has full protection.

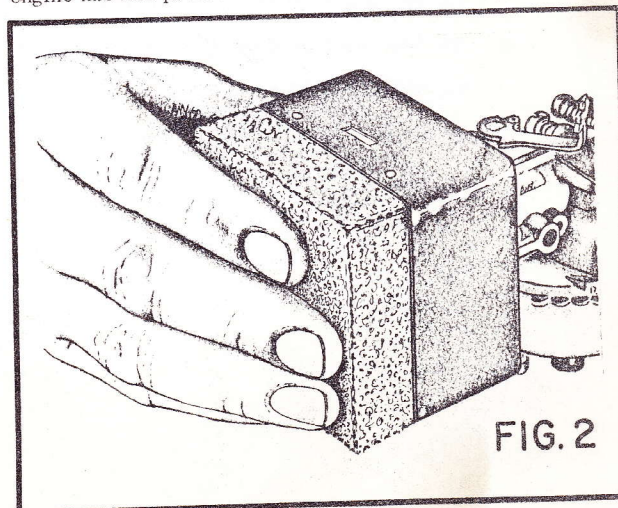


FIG. 2